

**Notice of Allowability**

Application No.

09/893,373

Examiner

Mehdi Namazi

Applicant(s)

O'ROURKE ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 912/2005.
2. ☒ The allowed claim(s) is/are 1-11, 13-27 which has been renumbered as 1-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>9/28/05</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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### DETAILED ACTION

1. This office action is in response to amendment filed September 12, 2005.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steve Sponseller (Reg. No. 39,384) on September 28, 2005.

The application has been amended as follows:

#### In the Claims:

1. (Currently Amended) An apparatus comprising:  
a media serving engine to distribute media content;  
a cache engine coupled to the media serving engine, the cache engine to cache media content; and

a set of cache policies accessible by the cache engine to define operation of the cache engine, wherein the apparatus can be **initially** configured to operate as a cache server **based on a first server policy**, and **wherein the apparatus can be reconfigured to operate as** an origin server based on **a second server policy defined by a system administrator** ~~the set of cache policies.~~

11. (Currently Amended) A method comprising:  
**configuring a cache server based on a first server policy;**

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receiving a request for media content from a client, wherein the request is received by **[[a]] the cache server;**

identifying cache policies associated with a type of media content requested;

determining whether the requested media content is stored by the cache server;

providing the requested media content to the client if the requested media content is stored by the cache server; and

redirecting the client to an origin server containing the requested media content if the requested media content is not stored by the cache server; and

reconfiguring the cache server to operate as an origin server in response to receipt of a different second server policy, wherein the second server policy is defined by a system administrator.

15. (Currently Amended) A method comprising:

**configuring a cache server based on a first server policy;**

receiving a request for media content from a client, wherein the request is received by **[[a]] the cache server, wherein the cache server is** capable of functioning as an origin server and capable of functioning as a cache server, and wherein the cache server is reconfigured to operate as an origin server by applying a second server policy defined by a system administrator;

processing the request for media content according to a set of cache policies in the cache server if the cache server is functioning as a cache server; and

providing the requested media content to the client if the cache server is functioning as an origin server and the cache server contains the requested media content.

21. (Currently Amended) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, causes the one or more processors to:

**configure a server as a cache server based on a first server policy, wherein the server can be reconfigured as an origin server by applying a second server policy defined by a user;**

receive a request for media content from a client, wherein the request for media content is received by ~~[[a]]~~ **the** server;

determine whether the server is operating as a cache server or an origin server;

process the request for media content based on a set of cache policies if the server is operating as a cache server; and

provide the requested media content to the client if the server is operating as an origin server and the server contains the requested media content.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mehdi Namazi whose telephone number is 571-272-4209. The examiner can normally be reached on Monday-Friday 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mano Padmanabhan can be reached on 571-272-4210. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mehdi Namazi  
September 29, 2005

Mano Padmanabhan  
9/30/05  
MANO PADMANABHAN  
SUPERVISORY PATENT EXAMINER